



DAMES & MOORE

A PROFESSIONAL LIMITED PARTNERSHIP

SCANNED

September 6, 1991

Mr. Bill Troy
Alaska Marine Lines
5615 West Marginal Way SW
Seattle, WA 98106

Re: Phone conversation with Department of Ecology

Dear Mr. Troy:

This letter describes a phone conversation between myself and Mr. John Storman from the Department of Ecology on July 11, 1991. Mr. Storman contacted me to discuss the soil and ground-water assessment report prepared by Dames & Moore for the Alaska Marine Lines West Marginal facility. Our phone conversation focused on two concerns he had with the work, as described below.

Excavated soil. Mr. Storman wanted to know why soil containing petroleum hydrocarbons removed during the UST excavation had been used as the excavation backfill. I explained to him that the soil was returned to the excavation based on the following rationale: Because of site constraints, it was decided to explore the lateral extent of petroleum hydrocarbons in soil by drilling soil borings rather than by excavating additional soil. It was also decided to close the excavation so Alaska Marine Lines could resume normal site operations. However, we did not want to place clean fill into the excavation at that time because we felt it would only generate additional soil to be remediated. It was our intent to develop a plan for soil remediation after we had evaluated the potential extent of soil and ground-water that exceeded cleanup criteria.

Additional ground-water samples. Mr. Storman stated that he did not believe only one additional round of sampling was sufficient to determine the mobility of hydrocarbons in the ground water. I explained to him that Alaska Marine Lines was in the process of authorizing Dames & Moore to perform quarterly sampling for one full one-year, after which we would review the data and make recommendations concerning the need for additional work. He seemed to agree with this approach.

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We concluded our conversation with the following agreements:

- ° We would provide DOE with a letter describing our revised work plan for the West Marginal site. In the letter we would explain our plans to perform quarterly sampling for one year and include a plan to address the site soil remediation.
- ° I would ask permission from Alaska Marine Lines to supply him with our March 21 report.
- ° He stated that although he had not received the report concerning the Alaska Marine Lines Second Avenue facility, he would search the files at the Northwest Regional office and the Olympic office for the report.

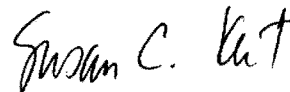
I am preparing a copy of the March 21 (UST Site Assessment) report to submit to DOE. I recommend that we meet to discuss the various options for soil remediation. The principal options include:

- ° Excavate and dispose the soil at some convenient time
- ° Excavate and treat the soil on-site at some convenient time
- ° Excavate and dispose/treat the soil after the one year quarterly sampling
- ° Excavate and dispose/treat the soil during future expansion work.

Please call me at your convenience to discuss the options.

Sincerely,

DAMES & MOORE



Susan C. Kent
Project Manager

cc: Bob Strong (Lynden, Inc.)

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